AMENDMENT TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

No claims are added, amended, or cancelled in this response.

Listing of Claims:

Claims 1-3 (canceled)

Claim 4 (original): A method for encoding a motion video signal, the method comprising:

initializing an accumulated bandwidth record;

encoding a first frame of the motion video signal to form an encoded frame;

determining a consumed bandwidth of the encoded frame;

adjusting the accumulated bandwidth record according to the consumed bandwidth;

comparing the accumulated bandwidth record to a desired range of acceptable accumulated bandwidth;

adjusting a quantization parameter such that encoding subsequent frames of the motion video signal according to the quantization parameter as adjusted consumes bandwidth in a manner which compensates for a deviation from the desired range of acceptable bandwidth by the accumulated bandwidth record; and

encoding a second frame of the motion video signal according to the

quantization parameter as adjusted.

Claim 5 (original): The method of Claim 4 wherein the step of adjusting the accumulated bandwidth record comprises:

adding to the accumulative bandwidth record an amount of available bandwidth between the first fame and a preceding frame; and

subtracting from the accumulative bandwidth record an amount of bandwidth consumed by the encoded frame.

Claim 6 (original): The method of Claim 4 wherein the second frame is subsequent to the first frame the motion video signal.

Claim 7 (original): The method of Claim 4 wherein the step of adjusting the quantization parameter comprises:

determining that the accumulated bandwidth record represents accumulated bandwidth in excess of the desired range; and

decreasing the quantization parameter to increase bandwidth consumed by encoding of subsequent frames of the motion video signal.

Claim 8 (original): The method of Claim 4 wherein the step of adjusting the quantization parameter comprises:

determining that the accumulated bandwidth record represents accumulated bandwidth which is below the desired range; and

increasing the quantization parameter to decrease bandwidth consumed by encoding of subsequent frames of the motion video signal.

Claims 9-18 (canceled)

Claim 19 (original): A computer readable medium useful in association with a computer which includes a processor and a memory, the computer readable medium including computer instructions which are configured to cause the computer to perform the steps of:

initializing an accumulated bandwidth record;

encoding a first frame of the motion video signal to form an encoded frame;

determining a consumed bandwidth of the encoded frame;

adjusting the accumulated bandwidth record according to the consumed bandwidth;

comparing the accumulated bandwidth record to a desired range of acceptable accumulated bandwidth;

adjusting a quantization parameter such that encoding subsequent frames of the motion video signal according to the quantization parameter as adjusted consumes bandwidth in a manner which compensates for a deviation from the desired range of acceptable bandwidth by the accumulated bandwidth record; and

encoding a second frame of the motion video signal according to the quantization parameter as adjusted.

Claim 20 (original): The computer readable medium of Claim 19 wherein the step of adjusting the accumulated bandwidth record comprises:

adding to the accumulative bandwidth record an amount of available bandwidth between the first frame and a preceding frame; and

subtracting from the accumulative bandwidth record an amount of bandwidth consumed by the encoded frame.

Claim 21 (original): The computer readable medium of Claim 19 wherein the second frame is subsequent to the first frame in the motion video signal.

Claim 22 (original): The computer readable medium of Claim 19 wherein the step of adjusting the quantization parameter comprises:

determining that the accumulated bandwidth record represents accumulated bandwidth in excess of the desired range; and

decreasing the quantization parameter to increase bandwidth consumed by encoding Of subsequent frames of the motion video signal.

Claim 23 (original): The computer readable medium of Claim 19 wherein the step of adjusting the quantization parameter comprises:

determining that the accumulated bandwidth record represents accumulated bandwidth which is below the desired range; and

increasing the quantization parameter to decrease bandwidth consumed by encoding of subsequent frames of the motion video signal.

Claims 24-33 (canceled)

Claim 34 (original): A computer system comprising:

a processor;

a memory operatively coupled to the processor; and

a motion video signal encoder which executes in the processor from the memory and which, when executed by the processor, performs the steps of:

initializing an accumulated bandwidth record;

encoding a first frame of the motion video signal to form an encoded

determining a consumed bandwidth of the encoded frame;

adjusting the accumulated bandwidth record according to the consumed bandwidth;

comparing the accumulated bandwidth record to a desired range of acceptable accumulated bandwidth;

adjusting a quantization parameter such that encoding subsequent frames of the motion video signal according to the quantization parameter as adjusted consumes bandwidth in a manner which compensates for a deviation from the desired range of acceptable bandwidth by the accumulated bandwidth record; and

encoding a second frame of the motion video signal according to the quantization parameter as adjusted.

Claim 35 (original): The computer system of Claim 34 wherein the step of adjusting the accumulated bandwidth record comprises:

adding to the accumulative bandwidth record an amount of available bandwidth between the first frame mad a preceding frame; and

subtracting from the accumulative bandwidth record an amount of

bandwidth consumed by the encoded frame.

Claim 36 (original): The computer system of Claim 34 wherein the second frame is subsequent to the first frame in the motion video signal.

Claim 37 (original): The computer system of Claim 34 wherein the step of adjusting the quantization parameter comprises:

determining that the accumulated bandwidth record represents accumulated bandwidth in excess of the desired range; and

decreasing the quantization paramcter to increase bandwidth consumed by encoding of subsequent frames of the motion video signal.

Claim 38 (original): The computer system of Claim 34 wherein the step of adjusting the quantization parameter comprises:

determining that the accumulated bandwidth record represents accumulated bandwidth which is below the desired range; and

increasing the quantization parameter to decrease bandwidth consumed by encoding of subsequent frames of the motion video signal.

Claims 39-45 (canceled)

Claim 46 (previously presented): A computer readable medium comprising instructions which, when executed by a computer, performs the method of Claim 4.